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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	
	First Inventor	Wayne J. Gregoire
	Title	Owner
	Express Mail Label No.	EF218006429US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 28] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 17] 5. Oath or Declaration [Total Sheets 45] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Reader Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1499 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Wayne J. Gregoire				
Address	12771 Gordon Drive				
City	Eden Prairie	State	MN	Zip Code	55346
Country	USA	Telephone	952-944-7053	Fax	952-829-7333

Name (Print/Type)	Wayne J. Gregoire	Registration No. (Attorney/Agent)	
Signature	<i>Wayne J. Gregoire</i>	Date	06-20-03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

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17525 U.S. PTO
10/601040
06/20/03

06/20/03

17264 U.S. PTO

PTO Form 17 (05-03)

Approved for use through 04/03/2003. OMB 0551-0002
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$375.00)

Complete if Known

Application Number	
Filing Date	June 20, 2003
First Named Inventor	Wayne J. Gregoire
Examiner Name	
Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375.00
1002 350	2002 185	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 600	2005 300	Provisional filing fee	
SUBTOTAL (1)			(\$375.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Basic Claims	Fee from before	Fee Paid
Independent Claims	-30** =	X	
Multiple Dependent	-5** =	X	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	65	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	260	2203	140	Multiple dependent claims, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	65	2205	9	** Reissue claims in excess of 20 and over original patent

** Fee number previously paid, if greater. For Reissue, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 130	2001 65	Surcharge - late filing fee at cash	
1002 50	2002 25	Surcharge - late provisional filing fee at cash	
1003 130	2003 65	Non-English specification	
1512 2,530	2512 1,265	For filing a request for ex parte reexamination	
1604 900*	1604 450*	Requesting publication of SPR prior to Examiner action	
1605 1,640*	1605 820*	Requesting publication of SPR after Examiner action	
1251 160	2251 80	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 630	2253 315	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,670	2255 835	Extension for reply within fifth month	
1401 520	2401 260	Notice of Appeal	
1402 520	2402 260	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	2451 755	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revoke - unavailability	
1453 1,300	2453 650	Petition to revoke - unreasonable	
1501 1,300	2501 650	Utility issue fee (for reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1480 130	2480 65	Petitions to the Commissioner	
1607 50	2607 25	Processing fee under 37 CFR 1.07(g)	
1608 160	2608 80	Subscription of Information Disclosure Sheet	
3021 40	6021 20	Recording each patent assignment per property (Serial number of properties)	
1809 750	2809 375	Filing a substitution after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be added (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	2802 450	Request for expedited examination of a design application	

Credit fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Wayne J. Gregoire	Registration No. (Attorney/Agent)	Telephone	952-944-7053
Signature	<i>Wayne J. Gregoire</i>		Date	06-20-03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2088.

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